WIRELESS

11M Wireless Workgroup Bridge

High 5dB Gain Antenna

2 YEAR WARRANTY

WB320

Get Connected With Hawking

- Bridge Networks together through wireless
- Fast, Reliable and Secure
- Compliant with IEEE 802.11b Standard
- Supports most network operating systems
- Easy to install and use
- Free tech support

HAWKING® TECHNOLOGY

Connect Anywhere, Anytime

Hawking Technologies' 802.11b Workgroup Bridge connects wired Local Area Networks together without wires. Now you can have the freedom to be productive from any location within their business or home. The WB320 11M Wireless Workgroup Bridge is designed to connect your Desktop, Notebook or a workgroup to another LAN. Don't waste money buying wireless adapters and cards for each individual network device; you can share this adapter with up to 20 users just by connecting the bridge to a switch or hub. Connect the WB320 to a LAN and the bridge will establish connection to other LANs via Access Point. It can work with Ad-Hoc (Peer to Peer) and Infrastructure (Access Point) Wireless LAN configurations. The WB320 is compliant with IEEE 802.11b standard and can work with a multi-vendor Wireless LAN platform.

Fast, Reliable and Secure

The Hawking WB320 11M Wireless Workgroup Bridge delivers network speeds up to 11Mbps…. five times faster than previous wireless LAN products. It also features Wires Equivalent Privacy (WEP) -compliant data encryption using encryption keys, MAC Address Control and user authentication to ensure a fast, reliable and secure network connection.

Package Contents:

- One Wireless Bridge
- One CD Software Utility
- Power Adapter
- Easy to follows owner's manual

Systems Requirement:

- IEEE 802.3 10Base-T network
- IEEE 802.11b Wireless LAN

Network Operations Systems Support:

Microsoft Windows 95/98/2000//NT/ME/XP and more!

Ready, Network & Go!

It's easy to install, it's easy to use! Everyone can do it.

Step 1 – Connect WB320 Bridge

Plug Power Adapter into WB320 and connect it to a wired Ethernet LAN or an Ethernet device via a Twisted Pair Network cable.

Step 2 – Setup the WB320 Bridge

Insert software CD into your Windows 98/2000 or ME computer to install the Wireless Navigator Utility.

Step 3 – Configure the Bridge

Using a Web Browser, login to the Web based UI to setup the Bridge. Go through the Setup step by step, Now you are ready to go.

Specification:

Network

- IEEE 802.11b WLAN Standard
- IEEE 802.3 10Base-T Standard

LAN Speed

- Wireless: 11/5.5/2/1 Mbps Adaptive Data Rate

Access Mode: Infrastructure/Ad-Hoc
Security: IEEE WEP 128/64-bit
Network Management: SNMP, MIB, 802.11
LAN Interface: RJ45
Antenna: External Antenna Diversity System 5dB gain
Power: AC 100-250V 50/60HZ to 5VDC 1.5A
Frequency Band: 2.4 ~ 2.4835GHz
Channels:

- 11 Channels (US, Canada)
- 13 Channels (Europe)
- 14 Channels (Japan)

Modulation Technique

- DSSS (Direct Sequence Spread Spectrum)
- 1Mbps DBPSK
- 2Mbps DQPSK
- 5.5Mbps CCK
- 11Mbps CCK

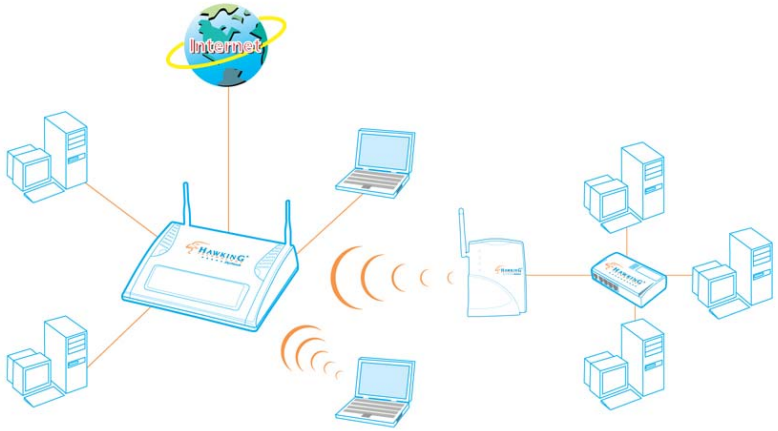
Output Power: Peak +20dBm.
Receiver Sensitivity: –82dBm Min.
TYPICAL OPERATION RANGE*

DATA RATE	INDOOR RANGE	OUTDOOR RANGE
11Mbps	120 ft (37 m)	400 ft (122 m)
5.5 Mbps	200 ft (61 m)	600 ft (183 m)
2 Mbps	240 ft (73 m)	750 ft (228 m)
1 Mbps	300 ft (91 m)	1000 ft (305 m)

Roaming: 802.11b compliant
Dimension:
4" L x 2" W x 5.5" H
EMI Conformance
FCC part 15 Class B
*The range will vary in different operating environments due to effects such as building construction

Features	Benefits
11Mbps Wireless LAN	Fast, Reliable and Easy Connection
IEEE 802.11b Standard	Compatible with Industrial Standard
5dB External Antenna	Ensures optimal coverage
Supports most network operating systems	Setup is quick and simple

Wireless Network Diagram:



Ordering Information:

WB320	11M 802.11b Wireless Workgroup Bridge
WA300	11M IEEE802.11b Wireless Access Point
WE110P	11M IEEE802.11b Wireless PC Card
WU250	11M IEEE802.11b Wireless USB Adapter
WA739P	11M IEEE802.11b 3pt Wireless Print server or AP with 3 port print server
WR254S	11M IEEE802.11b 4 port Wireless Router
CF100W	11M IEEE902.11b Wireless Compact F.

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